

CLAIMS

I claim:

- 5           1. A method of inserting a data object into a  
computer-generated document comprising:  
            converting a selected text portion of said  
computer-generated document containing at least  
one text instruction symbol into a data object;  
10          and  
            returning said data object for insertion in  
said computer-generated document.
2. The method of Claim 1 further comprising:  
15           inserting said at least one text instruction  
symbol in the form of text characters into the  
computer-generated document.
3. The method of Claim 2 further comprising:  
20           selecting said text portion of said computer-  
generated document containing said at least one  
text instruction symbol.
4. The method of Claim 1 wherein the data object  
25           comprises a mathematical formula.
5. The method of Claim 1 wherein the data object  
comprises at least one Greek character.
- 30           6. The method of Claim 1 wherein text characters  
in the selected text portion, which do not form a text  
instruction symbol, remain unchanged during the  
converting operation.

7. The method of Claim 1 further comprising:  
inserting the returned data object into the  
computer-generated document at a position of the  
selected text portion.

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8. The method of Claim 7 wherein content  
surrounding the data object has a format, and said  
method further comprises formatting the returned data  
object using said format.

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9. The method of Claim 1 further comprising  
storing the data object with the computer-generated  
document.

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10. The method of Claim 1 wherein the data object  
is reconvertible into the text portion representing the  
data object.

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11. The method of Claim 1 wherein said method is  
downloaded.

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12. The method of Claim 1 wherein said method is  
stored on a first computer system and said computer-  
generated document is stored on a second computer  
system.

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13. A computer program product for inserting a  
data object into a computer-generated document, the  
computer program product comprising program code for:  
converting a selected text portion of said  
computer-generated document containing at least  
one text instruction symbol into a data object;  
and

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returning said data object for insertion in  
said computer-generated document.

14 The computer program product of Claim 13  
further comprising program code for:

5 inserting said at least one text instruction  
symbol in the form of text characters into the  
computer-generated document.

15. The computer program product of Claim 14  
further comprising computer code for:

10 selecting said text portion of said computer-  
generated document containing said at least one  
text instruction symbol.

16. The computer program product of Claim 13  
15 wherein the data object comprises a mathematical  
formula.

17. The computer program product of Claim 13  
wherein the data object comprises at least one Greek  
20 character.

18. The computer program product of Claim 13  
wherein text characters in the selected text portion,  
which do not form a text instruction symbol, remain  
25 unchanged during the converting operation.

19. The computer program product of Claim 13  
further comprising computer code for:

30 inserting the returned data object into the  
computer-generated document at a position of the  
selected text portion.

20. The computer program product of Claim 19  
wherein content surrounding the data object has a  
35 format, and said computer program product further

comprises formatting the returned data object using said format.

21. The computer program product of Claim 13  
5 further comprising storing the data object with the computer-generated document.

22. The computer program product of Claim 13  
10 wherein the data object is reconvertible into the text portion representing the data object.

23. A computer-generated document including a data object generated by a conversion of instruction symbols input in the form of text characters, wherein  
15 the data object is reconvertible into the instruction symbols.

24. The document of Claim 23 wherein the data object comprises a mathematical formula or a special  
20 character.

25. A computer system comprising:  
a processor; and  
a memory, coupled to said processor, storing a  
25 method, where upon execution of said method on said processor, said method comprises:  
converting a selected text portion of said computer-generated document containing at least one text instruction symbol into a data object;  
30 and  
returning said data object for insertion in said computer-generated document.

26. The computer system of Claim 25 wherein said  
35 memory is coupled to said processor by a network.